

Work Order ID 92313

92313

Page 1

Friday, October 26, 2012 11:33:34 AM

Item ID: 649.5013E Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Deflector
 Start Date: 10/26/2012 Start Qty: 120.00 ***120*** Cust Item ID:
 Required Date: 12/3/2012 Req'd Qty: 120.00 ***120*** Customer:
 Reference:

Approvals: Process Plan: *[Signature]* Date: 12-10-26 Tooling: Date:
 QC: Date: SPC (Y/N): Date:
 Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
649 646-1700 5000	<i>[Signature]</i>								
100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>18262</u>								
	a) Description: EXTRUSION FOR DEFLECTOR								
	e) Material: 7075-T6								
	f) Material certification required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure material certification is attached								
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control	Ensure Material certification comply to Dwg 649.5000								

[Signature] 12-10-26

[Signature] 13/01/13 132

DAS 16 9-63 13/01/13

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Item ID: 649.5013E

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Deflector

Start Date: 10/26/2012 Start Qty: 120.00

120

Cust Item ID:

Required Date: 12/3/2012 Req'd Qty: 120.00

120

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location:

HAT
035

0.00

13-01-04***130***

Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

13/1/10**13-01-04**

SHIPPER NO. 406615-1	UACPART NO. 66759
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UNIVERSAL ALLOY CORPORATION
180 LAMAR HALEY PKWY CANTON, GA USA 30114
(770) 479-7230

PRODUCTION LOTS C556064 @11 PCS

S H DART AEROSPACE I 1270 ABERDEEN P HAWKESBURY, ONTARIO CN, K6A 1K7 T O	S O DART AEROSPACE L 1270 ABERDEEN D HAWKESBURY, ONTARIO CN, K6A 1K7 T O	27/320
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CUSTOMER'S P.O. NO. PO18262 item 2		ORDER PLACED BY BRIGITTE GOLDEN	CUSTOMER'S PART NUMBER 649.5013-EXT ALUMINUM EXTRUSION	
TERMS NET 60	ALLOY 7075 T6511	SPECIFICATION NO. AMS-QQ-A-200/11 REV. N/C		
SHIP VIA JOURNEY	DATE SHIPPED 12/13/2012	FREIGHT CHARGES PREPAID <input type="checkbox"/> COLLECT <input checked="" type="checkbox"/>	SHIPMENT PARTIAL <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/>	CERTIFICATIONS ATTACHED <input checked="" type="checkbox"/> TO FOLLOW <input type="checkbox"/>

QUANTITY SHIPPED

FEET 132	PIECES X LENGTH 11 X 144.	NET PER PC 15.36	NET POUNDS 169	GROSS POUNDS 225	BOX 1 bundle of 1 Standard US box
RECEIVED BY X			DATE	TIME	

UNIVERSAL ALLOY CORPORATION ACCEPTS NO RESPONSIBILITY FOR ERROR IN SHIPMENT IF YOU FAIL TO NOTIFY US WITHIN 3 DAYS OF RECEIPT. NO REJECTED MATERIAL WILL BE ACCEPTED FOR CREDIT OR REPLACEMENT AFTER 30 DAYS FROM DATE OF RECEIPT.

SHIPPER NO. 406615-1	UACPART NO. 66759
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UNIVERSAL ALLOY CORPORATION

180 LAMAR HALEY PKWY CANTON, GA 30114 (770) 479-7230

EXTRUSION MILL CERTIFICATE OF CONFORMANCE INSPECTION AND TEST REPORT

CUSTOMER DART AEROSPACE LTD

PURCHASE ORDER PO18262 item 2 DATE 12/03/12

ORDER NUMBER 406615 PART NO. 649.5013-EXT rev C

SPECIFICATIONS AMS-QQ-A-200/11 REV N/C MATERIAL 7075-T6511

MECHANICAL PROPERTIES

SAMPLE OR LOT	TEST DIRECTION	TEST LOCATION	TENSILE STRENGTH KSI	YIELD STRENGTH KSI	ELONGATION %
C556064	L	Rear	89.7	81.0	12.9

S13/01/12

MANUFACTURED IN THE U.S.A.

CHEMICAL COMPOSITION LIMITS

ALLOY NOS	SI	FE	CU	MN	MG	CR	ZN	TI	EACH	OTHERS	TOTAL
7075	0.40	0.50	1.2-2.0	0.30	2.1-2.9	0.18-0.28	5.1-6.1	0.20	0.05		0.15

THIS IS TO CERTIFY THAT THE MATERIAL APPLIED TO THE ABOVE ORDER COVERED BY THIS REPORT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SPECIFICATIONS DESCRIBED FORMING A PART OF THIS ORDER AND THAT REPRESENTATIVE MATERIAL HAS BEEN TESTED AND FOUND TO MEET THE APPLICABLE REQUIREMENTS. FURTHER SHOWN ARE THE COMPOSITION LIMITS AND MECHANICAL PROPERTY TEST RESULTS. DOCUMENTATION VERIFYING CONFORMANCE TO THESE REQUIREMENTS IS ON FILE AND SUBJECT TO EXAMINATION.

PERCENT MAXIMUM UNLESS SHOWN OTHERWISE
REMAINDER ALUMINUM

UNIVERSAL ALLOY CORPORATION

Mark Briguglio

Mark Briguglio Metallurgical Lab Manager
QUALITY ASSURANCE DEPARTMENT



556064T04



Universal Alloy Corporation

Invoice Number
634609

180 Lamar Haley Pkwy
Canton, GA. 30114-8018
770.479.7230 - 888.479.7230 - Fax 770.479.7198

Please Remit To:
P.O. Box 951501
Dallas, TX 75395-1501

Please Send All Correspondence to: 180 Lamar Haley Pkwy. Canton, GA 30114

Sold To:
DART AEROSPACE
1270 ABERDEEN

HAWKESBURY, ONTARIO, CN K6A 1K7

Shipped To:
DART AEROSPACE
1270 ABERDEEN

HAWKESBURY, ONTARIO, CN K6A 1K7

27/320

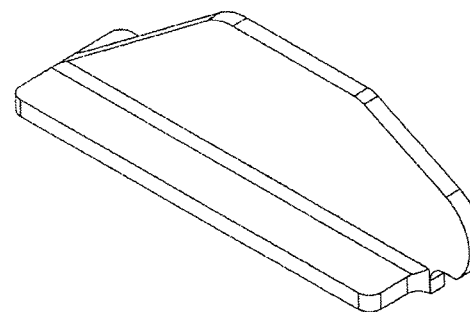
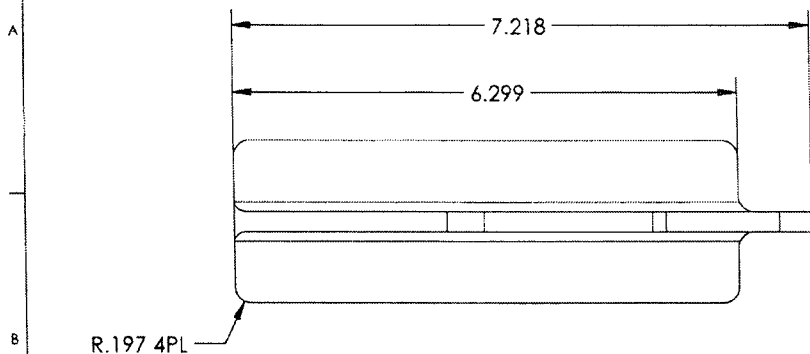
Date 12/13/2012	Shipped Via JOURNEY FREIGHT	Shipper No. 406615-1	Date Shipped 12/13/2012	Terms NET 60
Purchase Order Number PO18262 2		Part Number 649.5013-EXT Rev C		Die Number
QUANTITY	DESCRIPTION		UNIT PRICE	AMOUNT
132.000	ALUMINUM EXTRUSION		19.670/FT	\$2,596.44
NO REJECTED MATERIAL WILL BE ACCEPTED FOR CREDIT OR REPLACEMENT AFTER 30 DAYS FROM DATE OF RECEIPT. UNIVERSAL ALLOY CORP. ACCEPTS VISA, MASTERCARD, AND AMERICAN EXPRESS.				\$2,596.44

TOTAL
U.S. Dollars

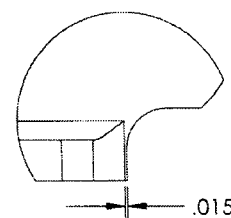
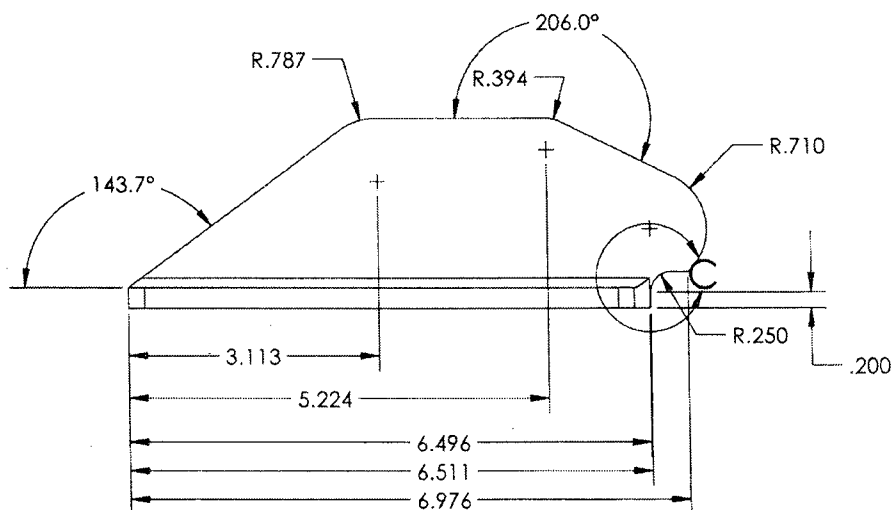
CUSTOMER COPY

APICAL INDUSTRIES, INC.		ENGINEERING CHANGE NOTICE NO. 03693				SHEET 1 OF 1		
		DWG NO. 649.5000		REV: C	PREPARED BY B. PETERS	DATE: 11/14/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
		DWG TITLE: DEFLECTOR						
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE		APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFFECT: NEXT ORDER			
		REASON: ADDED ALTERNATE MATERIAL.				ECR: D-12-001		
<div style="text-align: center; margin-bottom: 20px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">IS</div> <div style="margin-left: 10px;"> </div> </div> <div style="border: 1px solid black; border-radius: 50%; width: 500px; height: 100px; margin: 0 auto; padding: 10px; text-align: center;"> <p>⚠ PRIMARY MATERIAL: 7075-T651 ALUMINUM PER AMS-QQ-A-250/12. ALTERNATE MATERIAL: 7075-T6511 ALUMINUM PER AMS-QQ-A-200/11.</p> </div> <div style="margin-top: 50px; text-align: center;"> <p><u>SHEET 1, ZONE A2 IS:</u></p> </div>								
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION		
DOCUMENTS EFFECTED:				<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

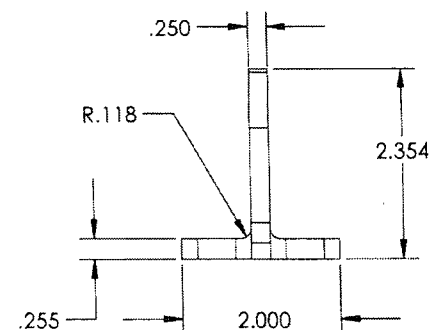
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THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



649.5013



DETAIL C
SCALE 2 : 1.5



ORIGINAL DATE 11/03/11		APICAL INDUSTRIES	
DRAWN BY A. QUAN	CHECKED P. BRAYO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300	
DRAWING APPROVAL 11/03/11	CONTRACT NO.	DEFLECTOR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 ANGLES ± .5°		SHEET CODE B 07M26	REV C
SCALE NONE		DWG. NO. 649.5000	SHEET 4 OF 4